IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Bonnie R. Hames et al.)
Serial No.:	PCT/US01/11825) Group Art Unit: Not Yet Accorded
Filed:	April 10, 2001) Examiner: Not Yet Accorded
Title:	Method for the Selective Removal of Fermentation Inhibitors from Biomass Hydrolyzate)) Atty. Dkt. No. NREL IR 98-22))

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56 AND 1.97

Honorable Assistant Commissioner for Patents Washington, DC 20231

Dear Sir:

It is respectfully requested that the citations listed below be considered by the U.S. Patent and Trademark Office and be made of official record in the above-identified application.

In the opinion of the undersigned, the below-listed citations represent the closest art known to the undersigned during the preparation of the above-identified application. These citations may be material to the examination of the subject application and are therefore submitted in compliance with a duty of disclosure defined in 37 CFR §§ 1.56 and 1.97.

CITED PATENTS

U.S. Patent 3,998,732

Solbach et al.

October 17, 1975

WO 01/77296 A1

Hames et al.

April 10, 2001

10/031216 531 Recur CT/FIC 11 JAN 2002

In regard to the referenced application which is submitted herewith, Applicant submits the enclosed form PTO-1449 with references that may be relevant to the patentability of the above identified application.

This disclosure statement under 37 CFR §§ 1.56 and 1.97 is not to be construed to the effect that no other material information as defined by 37 CFR § 1.56(c) exist, or that the citations constitute prior art under 35 U.S.C. § 102 and 103.

Respectfully submitted,

Paul J. White, Reg. No. 30,436

Attorney for Applicants

National Renewable Energy Laboratory 1617 Cole Boulevard Golden, CO 80401 303/384-7575

Dated: January 10, 2002.

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INF	ORMATION DISCLOSURE	Filing Dale	10 April 2001	
STATEMENT BY APPLICANT		First Named Inventor	Bonnie R. Hames	
		Group Art Unit	Not Yet Accorded	
(use as many sheets as necessary)		Examiner Name	Not yet Accorded	
Sheet	1 of 2	Attorney Docket Number	NREL IR 98-22	

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.'	U.S. Patent Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Dale of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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Substitute for form 1449B/PTO		Complete if Known			
				Application Number	PCT/US01/11825
INF	ORMATION	1 DISC	CLOSURE	Filing Date	10 April 2001
STATEMENT BY APPLICANT (use as many sheets as necessary)			PLICANT	First Named Inventor	Bonnie R. Hames
			LIOAITI	Group Art Unit	Not Yet Accorded
			necessary)	Examiner Name	Not Yet Accorded
Sheet	2	0f 2		Attorney Docket Number	NREL IR #98-22

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite NO.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	₹ Т2
		Perego, P. et al., "Acid hemicellulose hydrolysate: Physical treatments and continuous immobilized-cell fermentations," Bioprocess Engineering, 10: No. 1, 35-41 (1994)	
	2	Parajo, J.C. et al., "Improved xylitol production with debaryomyces Hansenii Y-7426 from raw or detoxified wood hydrolysates," Enzyme and Microbial Technology, 21: No. 1, 18-24 (1997)	
	3	Machdo, A.E.H., "Photocatalytic degradatio of lignin and lignin models, using titanium dioxide: The role of the hydroxyl radical," Pergamon Press, Oxford, GB, 40: No. 1 115-124 (2000).	
	4	Leonard, R.H. and Hajny, G.J., "Fermentation of Wood Sugars," Industrial and Engineering Chemistry, vol. 37, No. 4, 390-395 (1945)	
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¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.